

100

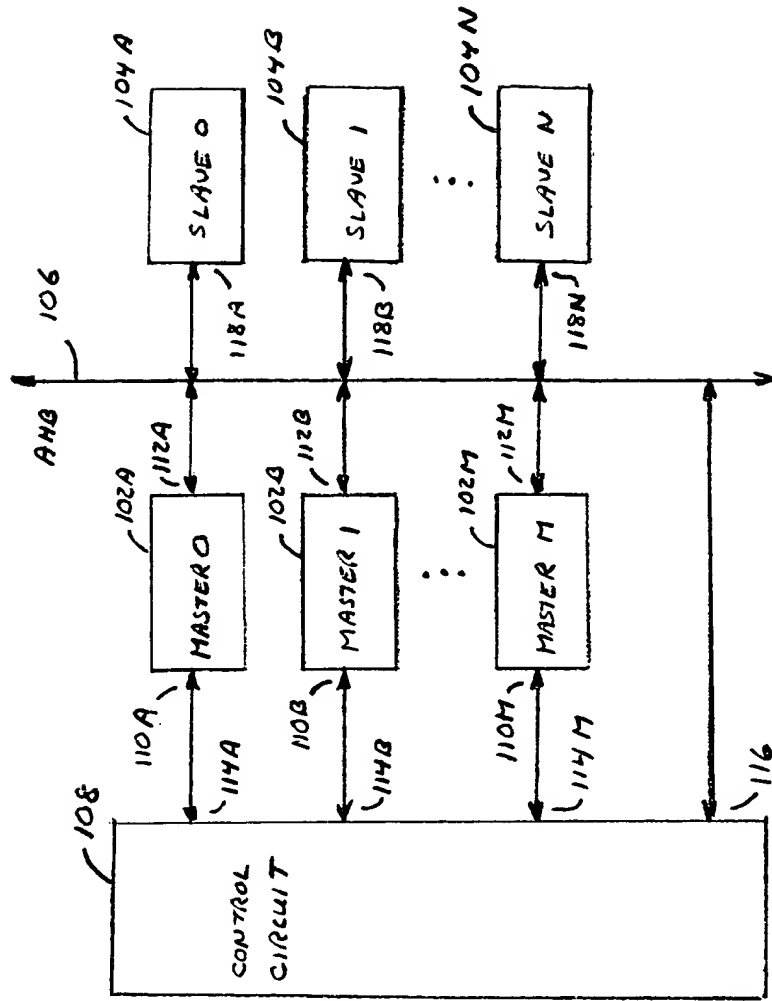


FIG. 1

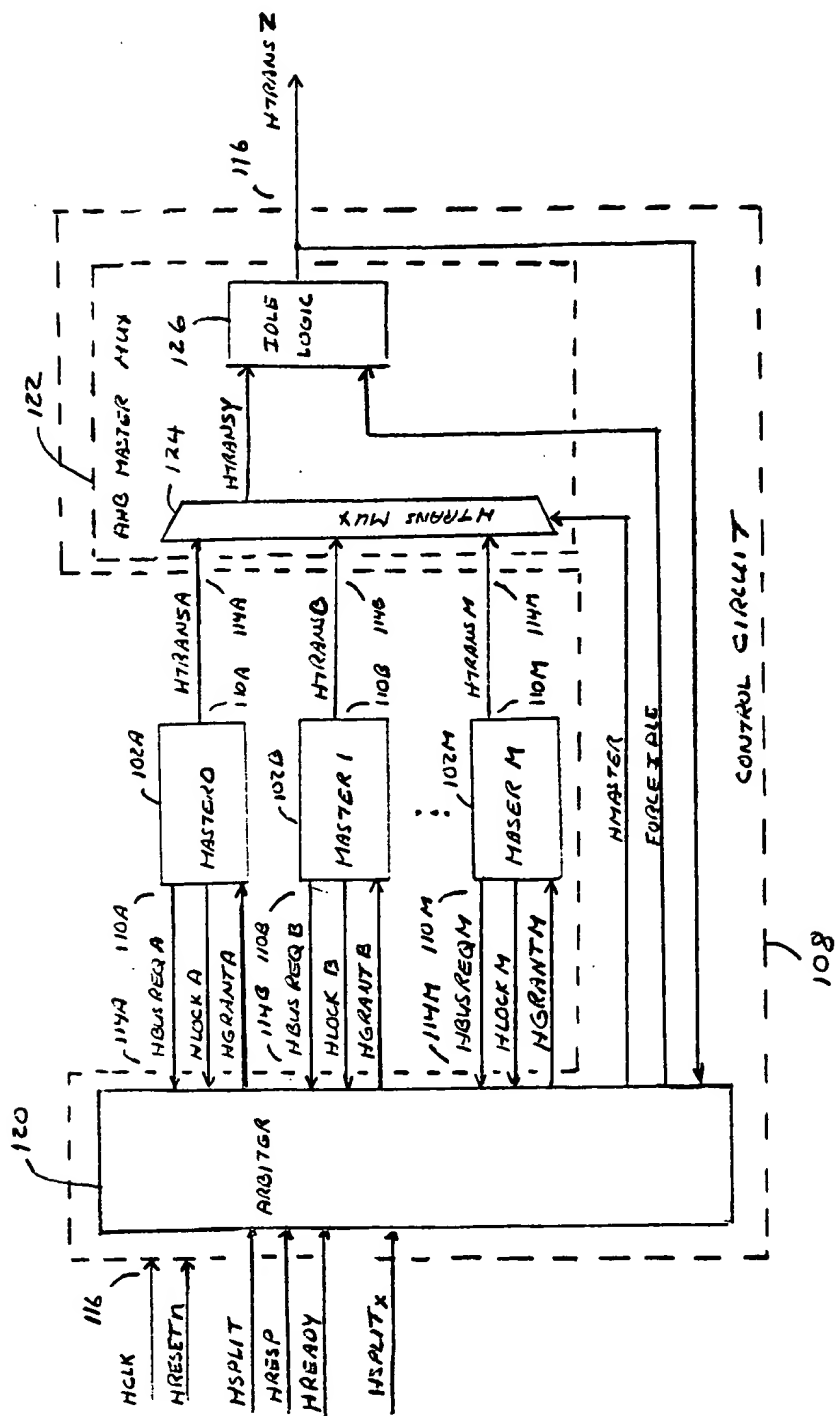


FIG. 2

```

graph TD
    START([START]) --> 128{AT LEAST ONE REQUEST?}
    128 -- YES --> 138[ARBITRATE THE 134 MASTER SHIP]
    128 -- NO --> 130[REMOVE FROM CURRENT MASTER GRANT TO DEFAULT MASTER  
GENERATE SIGNAL HMASTER AND SIGNALS HGRANTp]
    138 --> 140[REMOVE FROM CURRENT MASTER GRANT TO ANOTHER MASTER  
GENERATE SIGNAL HMASTER AND SIGNAL HGRANTp]
    130 --> 132[GENERATE SIGNAL HTRANSV IN IOLE STATE]
    140 --> 142[GENERATE SIGNAL HTRANSW]
    132 --> 134[MUX HTRANSp TO HTRANSY PER SIGNAL HMASTER]
    142 --> 134
    134 --> 136[HTRANSZ = HTRANSY]
    136 --> END([END])

```

FIG. 3

